

IN THE CLAIMS:

1. (currently amended) ~~A level sensor for generating electrical signals as a function of a pivot angle of a lever arm, which is fitted with a float, for a tank of a motor vehicle, having a support which is provided for attaching it to a side wall in the tank, having a bracket which is made of plastic and can pivot in a bearing of the support, having a lever wire which holds the float and is attached to the bracket, and having a signal transmitter which is actuated by the bracket, characterized in that that end of the lever wire (7) which is remote from the float (4) is attached to the support (6) at a distance from the bearing (11) of the bracket (5).~~ A level sensor for generating electrical signals as a function of a lever arm comprising:
 - (a) a float (4) having a float arm (7) attached to an end thereof;
 - (b) a support (6) for attachment to a side wall of a vehicle fuel tank;
 - (c) a bracket (5) having a first limb (12) and a second limb (13);
 - (d) a bearing (11) pivotally joining the bracket (5) on the support (6) at a location between the first and second limbs; and
 - (e) means connecting the end of the float arm furthest from the float to first limb 12 at a location a predetermined distance from the bearing (11), whereby damaging vibration can be eliminated from the level sensor.
2. (previously presented) The level sensor as claimed in claim 1, characterized in that the bracket (5) has two limbs (12, 13) which project from the bearing (11),

and in that the free end of the lever wire (7) is arranged on a first limb (12) and the second limb (13) is designed to actuate the signal transmitter (8).

3. (previously presented) The level sensor as claimed in claim 1 or 2, characterized in that an angled section (14) of the free end of the lever wire (7) penetrates a recess (15) in the first limb (12) of the bracket (5), and in that the recess (15) is arranged at the end which is remote from the bearing (11) of the bracket (5).
4. (previously presented) The level sensor as defined in claim 3, wherein a vibration damper (17) is arranged in the recess (15).
5. (previously presented) The level sensor as defined in claim 1, wherein the lever wire (7) is arranged on that side of the support (6) which is remote from the signal transmitter (8).
6. (previously presented) The level sensor as defined in claim 4, wherein two vibration dampers (17) are arranged on a section of the first limb (12) of the bracket (5), this section being routed parallel to the lever wire (7).